

数控斜车

Slant-bed CNC Lathe

性能特点 Features:

- ◆ 高精度斜床身线轨数控车床，台湾丝杠和线轨。
- ◆ 主轴采用高精度套筒式主轴单元，确保机器的刚性和精度。
- ◆ 台湾高精度 C3 研磨滚珠丝杆，定位加工精度更加稳定。
- ◆ 广数，凯恩帝，西门子，发那科，现代和法格系统选配。
- ◆ 整体铸件，提高机器整体刚性。
- ◆ High precision slant CNC lathe with Taiwan screw & linear guideway.
- ◆ High precision cartridge type spindle ensure the rigidity and precision.
- ◆ Taiwan high precision C3 grade ball screw ensure positioning accuracy more stable.
- ◆ Siemens, Fanuc, Syntec, Fagor controller as optional.
- ◆ Monoblock cast iron of the whole machine ensure high rigidity.



CK60L



CK40L



CK40L

随机附件

- ① 广数 980TDc 系统
- ② 广数驱动器和进给电机
- ③ 套筒式主轴单元
- ④ 广数伺服主电机 7.5kw
- ⑤ 液压三爪卡盘 200mm
- ⑥ 液压尾座
- ⑦ 8 工位电动刀架
- ⑧ 工作灯
- ⑨ 自动润滑系统
- ⑩ 自动冷却系统
- ⑪ 台湾丝杆和线轨

Standard accessories

- ① GSK 980TDc controller.
- ② GSK feed motor and driver
- ③ Sleeve type spindle unit
- ④ GSK servo spindle motor 7.5kw
- ⑤ Hydraulic 3-jaw chuck 200mm
- ⑥ Hydraulic tailstock
- ⑦ 8 station electric turret
- ⑧ Working light
- ⑨ Automatic lubrication system
- ⑩ Automatic cooling system
- ⑪ Taiwan screw and Linear guide rail

特殊附件

- ① 西门子 / 发那科等数控系统
- ② 6 或 8 工位液压刀架
- ③ 12 工位液压刀架
- ④ 12 工位动力刀塔
- ⑤ 弹簧夹头
- ⑥ 自动送料机
- ⑦ 排屑机

Optional accessories

- ① Siemens/Fanuc CNC Controller
- ② 6 or 8 station hydraulic turret
- ③ 12 station hydraulic turret
- ④ 12 station driven tool turret
- ⑤ Spring collet
- ⑥ Automatic bar-feeder
- ⑦ Chip conveyor

参数	Specification	CK32L	CK36L	CK40L	CK50L	CK60L
加工能力	Capacity					
床身最大回转直径	Max. swing dia. over bed	φ320mm	φ360mm	φ400mm	φ500mm	φ600mm
最大工件长度	Max. length of workpiece	500mm	500,*750mm	500,*750mm	750mm	1000mm
拖板最大回转直径	Max. swing dia. over slide	φ160mm	φ180mm	φ220mm	φ250mm	φ300mm
主轴	Spindle					
主轴转速范围	Spindle speed range	4000rpm	4000rpm	4000rpm,*3000rpm	4000rpm,*3000rpm	3000rpm
主轴通孔	Spindle bore	φ56	φ56,*φ66mm	φ66mm	φ66mm,*φ86mm	φ86mm
拉管通孔	Max. dia. of through-hole	φ40mm	φ40mm,*φ50mm	φ50mm	φ50mm,*φ70mm	φ70mm
主轴鼻端	Spindle nose	A2-5	A2-5,*A2-6	A2-6	A2-6,*A2-8	A2-8
卡盘尺寸	Chuck size	φ160mm	φ160mm,*φ200mm	φ200mm,*φ250mm	φ200mm,*φ250mm	φ300mm
进给轴	Axis					
线轨和丝杆	Type of guideway & screw	Taiwan linear guideway & screw				
X 轴行程	X axis travel	210mm	210mm	250mm	280mm	350mm
Z 轴行程	Z axis travel	500mm	500,*750mm	500,*750mm	750mm	1000mm
X/Z 轴快移速度	X/Z axis rapid traverse	15/15 m/min	15/15 m/min	15/15 m/min	15/15 m/min	15/15 m/min
刀塔 / 刀架形式	Turret					
刀架形式	Type	Electric turret,*Hydraulic turret		Electric turret,*Hydraulic turret,*Power turret		
刀位数	No. of tool stations	8 position	8 position	8,*12 position	8,*12 position	8,*12 position
刀柄尺寸	Tool shank size	20×20mm	20×20mm	25x25,*20x20mm	25x25,*20x20mm	25x25,*20x20mm
尾座	Tailstock					
尾座驱动方式	Type of tailstock	Hydraulic sleeves	Hydraulic sleeves	Hydraulic sleeves	Hydraulic sleeves	Hydraulic sleeves
套筒直径	External diameter	φ60mm	φ60mm	φ75mm	φ90mm	φ90mm
尾座套筒行程	Travel of tailstock quill	80mm	80mm	80mm	120mm	120mm
尾座套筒锥度	Taper of tailstock quill	MT4	MT4	MT4	MT5	MT6
电机	Motor					
主轴电机功率	Spindle motor power	4kw,*5.5kw	5.5kw,*7.5kw	7.5kw,*11kw	7.5kw,*11kw	11kw,*15kw
冷却泵功率	Coolant pump power	370w	370w	370w	370w	370w
机床规格	Machine Dimensions					
机床外形尺寸(长x宽x高)	Overall dimension(L×W×H)	2700×1550×1700mm	2700,*3050×1550×1700mm	2600,*2950×1730,*1780×1850mm	2950x1780x1850mm	3450x1780x1950mm
包装箱尺寸	Packing size(L×W×H)	2950×2260×2280mm	2950,*3300×2260×2280mm	3000,*3300×2270×2280mm	3300x2270x2280mm	3800x2270x2380mm
净重 / 毛重	N.W/G.W	2600/2900kg	2900/3200,*3300/3600kg	3500/380,*4000/4300kg	4200/4500kg	4900/5200kg

数控斜车

Slant-bed CNC Lathe



HCK46



12 工位伺服刀塔
12-position servo turret



液压尾座
Hydraulic tailstock

随机附件

- ① 液压三爪卡盘
- ② 12 工位伺服刀塔 / 排刀座
- ③ 自动润滑系统
- ④ 自动冷却系统
- ⑤ 液压尾座
- ⑥ LED 工作灯
- ⑦ 三色报警灯
- ⑧ 全封闭防护
- ⑨ 液压系统
- ⑩ 电气柜热交换器

Standard accessories

- ① Hydraulic 3-jaw chuck
- ② 12-position servo turret/Gang type tool
- ③ Auto lubrication system
- ④ Auto coolant system
- ⑤ Hydraulic tailstock
- ⑥ LED working lamp
- ⑦ Tri-color alarm light
- ⑧ Fully enclosed guard
- ⑨ Hydraulic system
- ⑩ Heat exchanger of electric cabinet

特殊附件

- ① 西门子 / 发那科系统
- ② 工业机器人
- ③ 12 工位动力刀塔
- ④ Y 轴
- ⑤ 0°动力刀座
- ⑥ 90°动力刀座
- ⑦ 自动排屑机
- ⑧ 自动对刀仪
- ⑨ 自动送料机
- ⑩ 液压中心架
- ⑪ 油雾收集器
- ⑫ 空调电气柜

Optional accessories

- ① Siemens/Fanuc CNC controller
- ② Industrial Robot
- ③ 12-position power turre
- ④ Y axis
- ⑤ 0° power tool holder
- ⑥ 90° power tool holder
- ⑦ Auto chip conveyor
- ⑧ Auto tool setter
- ⑨ Auto bar feeder
- ⑩ Hydraulic steady rest
- ⑪ Oil mist collector
- ⑫ Air conditioner of electric cabinet

参数	Specification	HCK46	HCK46G	HCK46Y
加工能力	Capacity			
床身上最大回转直径	Max. swing dia. over bed	φ480mm	φ420mm	φ550mm
最大车削长度	Max. turning length	360mm	300mm	325mm
刀架上最大加工直径	Max. turning dia over slide	φ220mm	φ120mm	φ270mm
拖板最大回转直径	Max. swing dia. over slide	φ360mm	φ420mm	φ360mm
主轴通孔直径	Spindle bore dia.	φ56mm	φ56mm	φ56mm
最大通过棒料直径	Max bar dia	φ42mm	φ42mm	φ42mm
床身形式及斜度	Bed type and slant angle	Integrated bed 30"	Integrated bed 45"	Integrated bed 30"
主轴	Spindle			
主轴鼻端	Spindle nose	A2-5(6inch)	A2-5(6inch)	A2-5(6inch)
主轴转速	Spindle speed	5000rpm	5000rpm	5000rpm
主轴最大输出扭转	Spindle putput torque	72N.m	72N.m	72N.m
伺服主轴电机	Servo spindle motor	7.5KW	7.5KW	7.5KW
卡盘尺寸	Chuck size	6 inch Hydraulic 3-jaw chuak	6 inch Hydraulic 3-jaw chuak	6 inch Hydraulic 3-jaw chuak
进给轴	Axis			
X/Z 轴行程	X axis travel	255/420mm	460/400mm	255mm
Y 轴行程	Y axis travel	/	/	±35mm
X/Z 轴导轨	X/Z axis spindle guide rails	35/35	35/35	35/35
X/Z 轴滚珠丝杆	X/Z axis ball screws	(3210/3210)	(3210/3210)	(3210/3210)
X/Z 轴扭矩	X/Z axis torque	9N.m (1.2kW)	9N.m (1.2kW)	9N.m (1.2kW)
X/Z 轴快速进给	X/Z axis rapid feed	30m/min	30m/min	30m/min
刀塔 / 刀架参数	Turret			
刀塔形式	Turret Type	12T servo turret	Gang type turret	12T power turret
刀柄尺寸	Tool shank size	20X20mm	20X20mm	20X20mm
镗刀杆直径	Boring tool shank size	φ25mm	φ25mm	φ25mm
动力头型号	Power turret model	Opt. BMT40 12T	/	BMT40 12T
动力头转速	Speed of live tooling	4000rpm	/	4000rpm
动力头功率	Power of live tooling	2.5KW/32N.m	/	2.5KW/32N.m
尾座	Tailstock			
尾座形式	Tailstock Type	Hydraulic	/	Hydraulic
套筒直径	Quill dia.	φ65mm	/	φ65mm
套筒行程	Quill travel	80mm	/	80mm
尾座顶尖锥孔	Workpiece taper	MT4#	/	MT4#
尾座最大行程	Max. travel of the tailstock	300mm	/	300mm
精度参数	Accuracy Parameters			
X/Z 轴定位精度	X/Z-axis positioning accuracy	0.008	0.008	0.008
X/Z 轴重复定位精度	X/Z-axis repeat positioning accuracy	0.005	0.005	0.005
机床规格	Machine Dimensions			
机床外形尺寸 (长 x 宽 x 高)	Overall dimension(L x W x H)	2330×1670×1828mm	2130×1805×1760mm	2330×2170×2328mm
机床重量	Machine weight	3000kg	2500kg	3200kg

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性能特点 Features:

- ◆ 床身采用 HT300 树脂砂铸件；
 - ◆ 虚拟 Y 轴车铣复合机床刚性更佳，适用于金属工件的高强度加工，从而提高生产效率；
 - ◆ 虚拟 Y 轴车铣复合机床整体结构紧凑，有效提升了空间利用率；
 - ◆ 伺服可编程尾座便于进行大直径孔加工及刚性攻丝；
 - ◆ 尾座液压锁紧功能有效确保了尾座在静止状态下的稳定性；
 - ◆ 标配 15 工位伺服动力刀塔，有效扩展了机床的加工范围。
- ◆ Bed castings are made of HT300 resin sand castings;
 - ◆ The virtual Y-axis milling and turning machine tool has better rigidity, suitable for high-strength machining of metal workpieces, improving production efficiency;
 - ◆ The overall structure of the virtual Y-axis milling and turning machine tool is compact, effectively improving space utilization;
 - ◆ Servo programmable tailstock facilitates drilling larger diameter holes and rigid tapping;
 - ◆ Tailstock hydraulic clamping function effectively provides stability in the tailstock's static state;
 - ◆ Standard 15T servo-powered turret effectively expands the machine tool's machining range.

随机附件

- ① 液压三爪卡盘
- ② 12 工位动力刀塔
- ③ Y 轴
- ④ 自动润滑系统
- ⑤ 自动冷却系统
- ⑥ 液压尾座
- ⑦ LED 工作灯
- ⑧ 三色报警灯
- ⑨ 全封闭防护
- ⑩ 液压系统

Standard accessories

- ① Hydraulic 3-jaw chuck
- ② 12-position power turret
- ③ Y axis
- ④ Auto lubrication system
- ⑤ Auto coolant system
- ⑥ Hydraulic tailstock
- ⑦ LED working lamp
- ⑧ Tri-color alarm light
- ⑨ Fully enclosed guard
- ⑩ Hydraulic system

特殊附件

- ① 西门子 / 发那科系统
- ② 工业机器人
- ③ 0°动力刀座
- ④ 90°动力刀座
- ⑤ 自动排屑机
- ⑥ 自动对刀仪
- ⑧ 自动送料机
- ⑨ 液压中心架
- ⑩ 油雾收集器
- ⑪ 空调电气柜

Optional accessories

- ① Siemens/Fanuc CNC controller
- ② Industrial Robot
- ③ 0° power tool holder
- ④ 90° power tool holder
- ⑤ Auto chip conveyor
- ⑥ Auto tool setter
- ⑦ Auto bar feeder
- ⑧ Hydraulic steady rest
- ⑨ Oil mist collector
- ⑩ Air conditioner of electric cabinet



HCK60Y

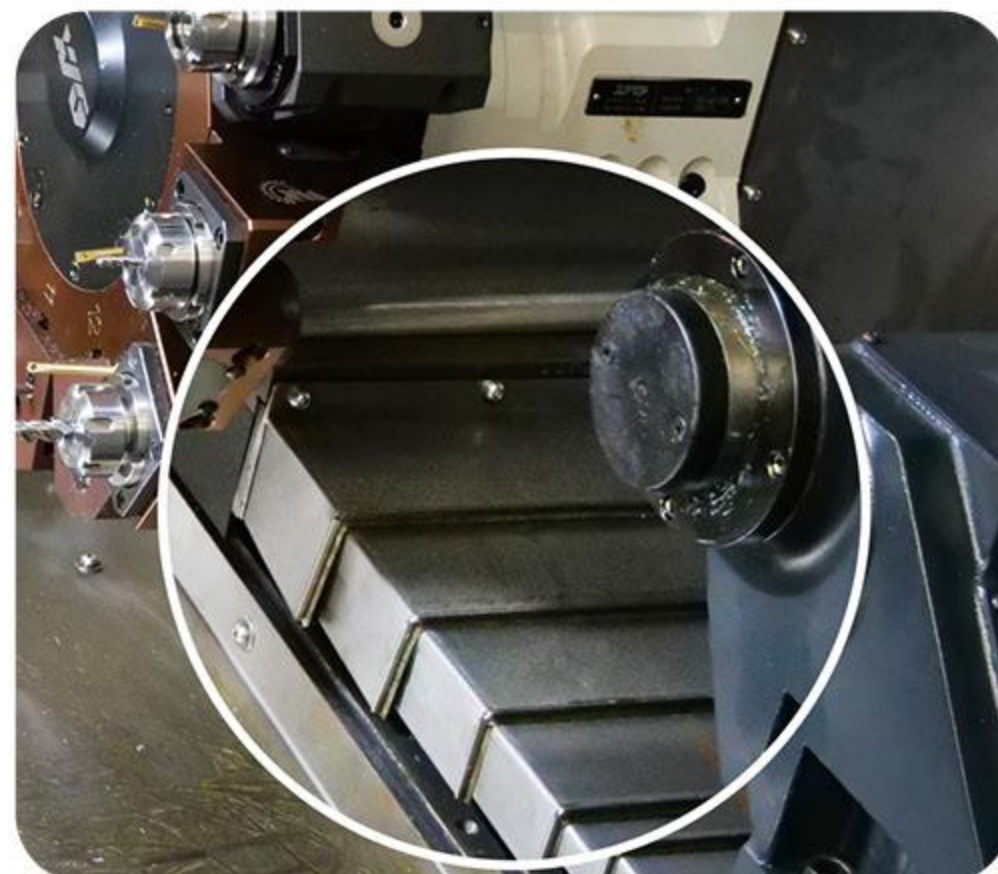
参数	Specification	HCK52S	HCK52SY	HCK60Y
加工能力	Capacity			
床身上最大回转直径	Max. swing dia. over bed	φ780mm	φ650mm	φ695mm
最大车削长度	Max. turning length	300mm	910mm	470mm
最大加工直径	Max. turning dia.	φ500mm	φ370mm	φ340mm
刀架上最大加工直径	Max. turning dia. over slide	φ360mm	φ370mm	φ300mm
主轴通孔直径	Spindle bore dia.	φ62mm	φ86mm	φ66mm
最大通过棒料直径	Max bar dia	φ52mm	φ72mm	φ52mm
床身形式及斜度	Bed type and slant angle	Integrated bed 30"	Integrated bed 30"	Integrated bed 30"
主轴	Spindle			
主轴鼻端	Spindle nose	A2-6(8inch)	A2-8(10inch)	A2-6(8inch electric)
主轴转速	Spindle speed	4200rpm	3000rpm	4000rpm
主轴最大输出扭矩	Spindle putput torque	105N.m	105N.m	105N.m
伺服主轴电机	Servo spindle motor	11KW	11KW	22KW
卡盘尺寸	Chuck size	8 inch Hydraulic 3-jaw chuak	10 inch Hydraulic 3-jaw chuak	8 inch Hydraulic 3-jaw chuak
副主轴	Sub-spindle			
主轴鼻端	Spindle nose	A2-5(6inch electric)	A2-5(6inch electric)	N/A
主轴转速	Spindle speed	6000rpm	6000rpm	N/A
伺服主轴电机	Servo spindle motor	13.8KW	13.8KW	N/A
主轴夹头	Spindle chuck	Hydraulic 3-jaw chuak	Hydraulic 3-jaw chuak	N/A
主轴通孔直径	Spindle bore dia.	φ56mm	φ56mm	N/A
最大车削棒料直径	Max bar dia	φ42mm	φ42mm	N/A
主轴最大输出扭矩	Spindle output torque	95N.m	95N.m	N/A
进给轴	Axis			
X/Z 轴行程	X/Z axis travel	X1/Z1:300/360mm X2/Z2:300/860mm	270/1060mm	215/610mm
Y 轴行程	Y axis travel	N/A	±50mm	±50mm
X/Z 轴导轨	X/Z axis spindle guide rails	45/45	45/45	35/45
X/Z/Y 轴滚珠丝杆	X/Z/Y axis ball screws	(4010/4010)	(3210/4010/4010)	(3210/3210/4010)
X/Z/Y 轴扭矩	X/Z axis torque	11N.m (1.8kW)	11N.m (1.8kW)	27N.m (1.8kW)
X/Z/Y 轴快速进给	X/Z axis rapid feed	30m/min	30m/min	30/30/10 m/min
刀塔 / 刀架参数	Turret			
刀塔形式	Turret Type	12T power turret	12T power turret	15T power turret
刀柄尺寸	Tool shank size	25X25mm	25X25mm	25X25mm
镗刀杆直径	Boring tool shank size	φ40mm	φ40mm	φ40mm
动力头型号	Power turret model	BMT55 12T	BMT55Y 12T	BMT55Y 12T
动力头转速	Speed of live tooling	4000rpm	4000rpm	4000rpm
动力头功率	Power of live tooling	2.5KW/32N.m	2.5KW/32N.m	2.7KW/46N.m
尾座	Tailstock			
尾座形式	Tailstock Type	N/A	N/A	Servo programmable
套筒直径	Quill dia.	N/A	N/A	φ80mm
套筒行程	Quill travel	N/A	N/A	N/A
尾座顶尖锥孔	Workpiece taper	N/A	N/A	MT5#
尾座最大行程	Max. travel of the tailstock	N/A	N/A	580mm
机床规格	Machine Dimensions			
机床外形尺寸（长 x 宽 x 高）	Overall dimension(L x W x H)	4370X2710X2500mm	4060X2386X2435mm	3260X2209X2236mm
机床重量	Machine weight	8000kg	4800kg	5200kg

高速数控车削中心

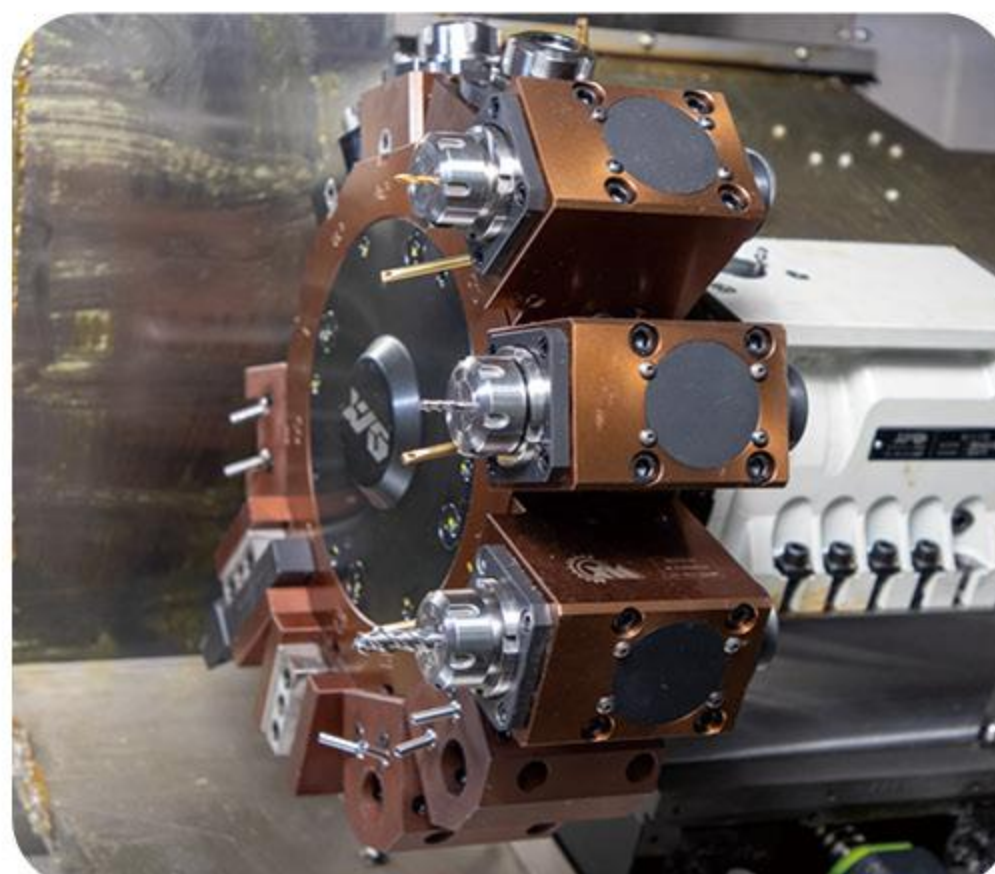
High Speed CNC Turn-Mill Maching



HCK52



X 向伸缩防护
X-axis Telescopic Cover



动力刀塔
12 -position power turret



Y 轴
Y axis

工业机器人 Industrial Robot



随机附件

- ① 液压三爪卡盘
- ② 12 工位伺服刀塔
- ③ 自动润滑系统
- ④ 自动冷却系统
- ⑤ 液压尾座
- ⑥ LED 工作灯
- ⑦ 三色报警灯
- ⑧ 全封闭防护
- ⑨ 液压系统
- ⑩ 电气柜热交换器

Standard accessories

- ① Hydraulic 3-jaw chuck
- ② 12-position servo turret
- ③ Auto lubrication system
- ④ Auto coolant system
- ⑤ Hydraulic tailstock
- ⑥ LED working lamp
- ⑦ Tri-color alarm light
- ⑧ Fully enclosed guard
- ⑨ Hydraulic system
- ⑩ Heat exchanger of electric cabinet

特殊附件

- ① 西门子 / 发那科系统
- ② 工业机器人
- ③ 12 工位动力刀塔
- ④ Y 轴
- ⑤ 0° 动力刀座
- ⑥ 90° 动力刀座
- ⑦ 自动排屑机
- ⑧ 自动对刀仪
- ⑨ 自动送料机
- ⑩ 液压中心架
- ⑪ 油雾收集器
- ⑫ 空调电气柜

Optional accessories

- ① Siemens/Fanuc CNC controller
- ② Industrial Robot
- ③ 12-position power turret
- ④ Y axis
- ⑤ 0° power tool holder
- ⑥ 90° power tool holder
- ⑦ Auto chip conveyor
- ⑧ Auto tool setter
- ⑨ Auto bar feeder
- ⑩ Hydraulic steady rest
- ⑪ Oil mist collector
- ⑫ Air conditioner of electric cabinet

参数	Specification	HCK52-500	HCK52-750	HCK52-1000	HCK52-1500
加工能力	Capacity				
床身上最大回转直径	Max. swing over bed	Φ560mm	Φ560mm	Φ560mm	Φ560mm
最大车削长度	Max. turning length	500mm	750mm	1000mm	1500mm
最大加工直径	Max. turning dia.	Φ480m	Φ480m	Φ480m	Φ480m
拖板上最大回转直径	Max. swing dia. over slide	Φ380mm	Φ380mm	Φ380mm	Φ380mm
主轴通孔直径	Spindle bore dia.	Φ66mm	Φ66mm	Φ66mm	Φ66mm
最大通过棒料直径	Max. bar dia.	Φ52mm	Φ52mm	Φ52mm	Φ52mm
床身形式及斜度	Bed type and slant angle	Integrated bed/30°	Integrated bed/30°	Integrated bed/30°	Integrated bed/30°
主轴	Spindle				
主轴鼻端	Spindle nose	A2-6/8inch (optional 10inch)	A2-6/8inch (optional 10inch)	A2-6/8inch (optional 10inch)	A2-6/8inch (optional 10inch)
主轴转速范围	Spindle speed range	0-4200rpm	0-4200rpm	0-4200rpm	0-4200rpm
主轴最大输出扭转	Spindle output torque	95N.m	95N.m	95N.m	95N.m
伺服主轴电机	Servo spindle motor	11kw	11kw	11kw	11kw
主轴夹头	Spindle chuck	Hydraulic 3-jaw chuck/pull-back chuck	Hydraulic 3-jaw chuck/pull-back chuck	Hydraulic 3-jaw chuck/pull-back chuck	Hydraulic 3-jaw chuck/pull-back chuck
卡盘压力检测继电器	Chuck pressure detection relay	Taiwan	Taiwan	Taiwan	Taiwan
进给轴部装	Feed Axis Assembly				
X 轴行程	X-axis travel	255mm	255mm	255mm	255mm
Z 轴行程	Z-axis travel	500mm	750mm	1000mm	1500mm
X/Z 主轴导轨	X/Z-axis spindle guide rails	Japanese THK (GH45)	Japanese THK (GH45)	Japanese THK (GH45)	Japanese THK (GH45)
X/Z 轴滚珠丝杆	X/Z-axis ball screws	Japanese THK (3210/4010)	Japanese THK (3210/4010)	Japanese THK (3210/4010)	Japanese THK (3210/4010)
X/Z 轴扭矩	X/Z-axis torque	12 N.m (1.8 kW) / 22 N.m (2.5 kW)	12 N.m (1.8 kW) / 22 N.m (2.5 kW)	12 N.m (1.8 kW) / 22 N.m (2.5 kW)	12 N.m (1.8 kW) / 22 N.m (2.5 kW)
X/Z 轴快速进给	X/Z-axis rapid feed	30/30 m/min	30/30 m/min	30/30 m/min	30/30 m/min
刀塔参数	Turret Parameters				
刀塔形式	Turret type	12T servo turet	12T servo turet	12T servo turet	12T servo turet
动力头型号	Power head model	BMT55	BMT55	BMT55	BMT55
液压尾座	Hydraulic Tallstock				
套筒直径	Quill dia.	80mm	80mm	80mm	80mm
套筒行程	Quill travel	80mm	80mm	80mm	80mm
套筒锥孔	Quill taper	MT5#	MT5#	MT5#	MT5#
精度参数	Accuracy Parameters				
X/Z 轴定位精度	X/Z-axis positioning accuracy	0.008mm	0.008mm	0.008mm	0.008mm
X/Z 轴重复定位精度	X/Z-axis repeat positioning accuracy	0.005mm	0.005mm	0.005mm	0.005mm
机床规格	Machine dimensions				
机床外形尺寸 (长 x 宽 x 高)	Overall dimension (L×W×H)	2850×2060×1820mm	3150×2060×1820mm	3550×2160×1920mm	3890×2220×2020mm
机型重量	Machine weight	3500kg	3900kg	4300kg	4800kg

Note: "*" means optional.

数控斜车

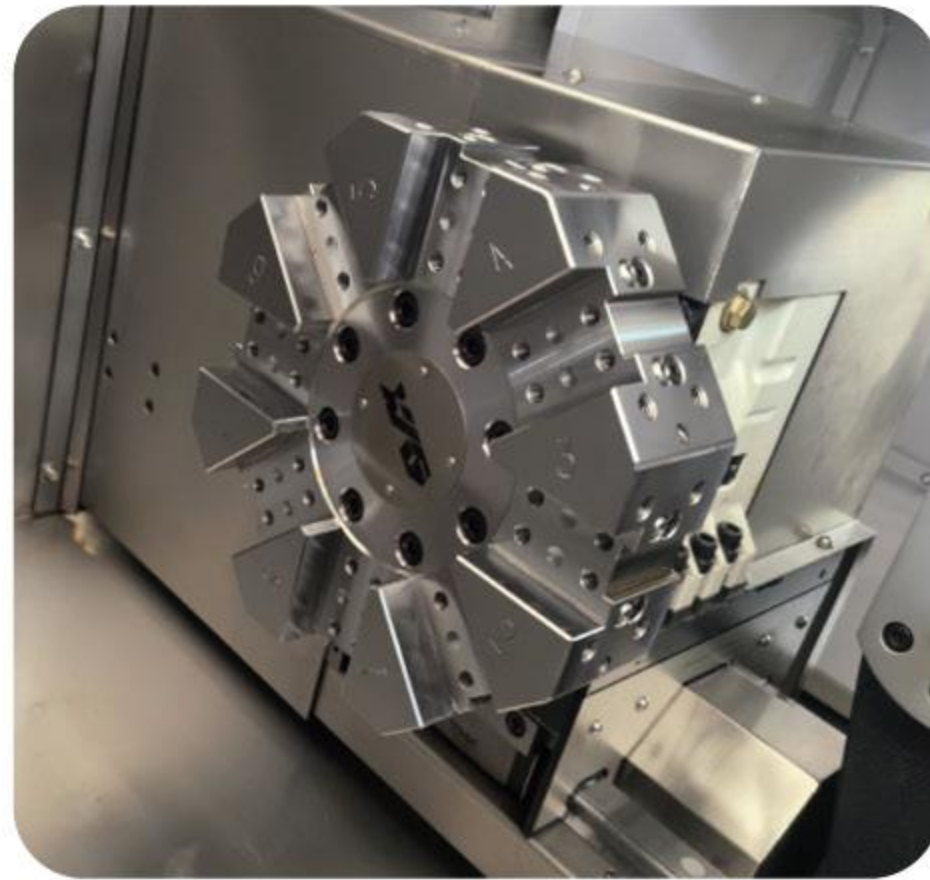
Slant-bed CNC Lathe



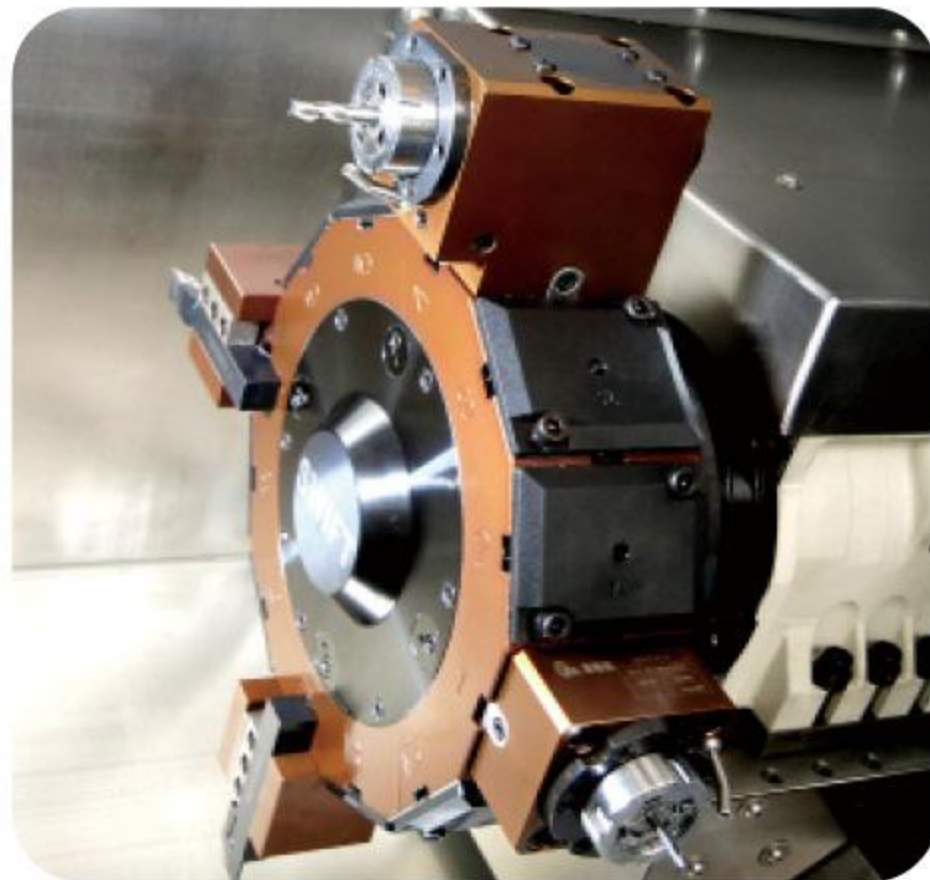
TCK50A



TCK50A



伺服刀塔
8-position servo turret



动力刀塔
12-position power turret



Y 轴
Y axis

随机附件

- ① 广数 988TA 数控系统
- ② 液压三爪卡盘
- ③ 8 工位伺服刀塔
- ④ 自动润滑系统
- ⑤ 自动冷却系统
- ⑥ 液压尾座
- ⑦ LED 工作灯
- ⑧ 三色报警灯
- ⑨ 全封闭防护
- ⑩ 液压系统
- ⑪ 电气柜热交换器

Standard accessories

- ① GSK988TA CNC controller
- ② Hydraulic 3-jaw chuck
- ③ 8-position servo turret
- ④ Auto lubrication system
- ⑤ Auto coolant system
- ⑥ Hydraulic tailstock
- ⑦ LED working lamp
- ⑧ Tri-color alarm light
- ⑨ Fully enclosed guard
- ⑩ Hydraulic system
- ⑪ Heat exchanger of electric cabinet

特殊附件

- ① 西门子 / 发那科系统
- ② 12 工位动力刀塔
- ③ Y 轴
- ④ 0° 动力刀座
- ⑤ 90° 动力刀座
- ⑥ 自动排屑机
- ⑦ 自动对刀仪
- ⑧ 自动送料机
- ⑨ 液压中心架
- ⑩ 油雾收集器
- ⑪ 空调电气柜

Optional accessories

- ① Siemens/Fanuc CNC controller
- ② 12-position power turret
- ③ Y axis (for TCK56A, TCK66A)
- ④ 0° power tool holder
- ⑤ 90° power tool holder
- ⑥ Auto chip conveyor
- ⑦ Auto tool setter
- ⑧ Auto bar feeder
- ⑨ Hydraulic steady rest
- ⑩ Oil mist collector
- ⑪ Air conditioner of electric cabinet

参数	Specification	TCK36	TCK50A-500	TCK56A-500	TCK56A-1000
加工能力	Capacity				
床身上最大回转直径	Max. swing dia. over bed	φ350mm	φ560mm	φ560mm	φ560mm
最大加工长度	Max. processing length	350mm	480mm	460mm	960mm
最大加工直径	Max. turning dia.	Φ200mm (Disc parts) Φ130mm (Shaft parts)	Φ430mm (Disc parts) Φ310mm (Shaft parts)	Φ460mm (Disc parts) Φ340mm (Shaft parts)	Φ460mm (Disc parts) Φ340mm (Shaft parts)
拖板上最大回转直径	Max. swing dia. over slide	φ130mm	φ310mm	φ340mm	φ340mm
床身形式及斜度	Bed type and slant angle	Integrated bed/30°	Integrated bed/30°	Integrated bed/45°	Integrated bed/45°
主轴	Spindle				
主轴转速范围	Spindle speed range	100~3000rpm	50~3000rpm	50~3000rpm	50~3000rpm
主轴通孔最大直径	Max. spindle bore dia.	φ52mm	φ65mm	φ65mm, *φ85mm	φ65mm, *φ85mm
最大通过棒料直径	Max. bar dia.	φ40mm	φ50mm	φ50mm, *φ70mm	φ50mm, *φ70mm
主轴鼻端	Spindle nose	A2-5	A2-6	A2-6, *A2-8	A2-6, *A2-8
主轴最大输出扭矩	Max. spindle output torque	35N.m	150N.m	150N.m	150N.m
主电机功率	Spindle motor power	5.5kw	11kw	11kw	11kw
液压卡盘直径	Hydraulic chuck size	6", *8"	8", *10"	10"	10"
进给轴	Axis				
X 轴行程	X axis travel	700mm	220mm	220mm	220mm
Z 轴行程	Z axis travel	350mm	560mm	560mm	1060mm
X 轴快移速度	X axis rapid traverse	15m/min	30m/min	30m/min	30m/min
Z 轴快移速度	Z axis rapid traverse	15m/min	30m/min	30m/min	30m/min
刀塔 / 刀架形式	Turret				
刀塔形式	Type	Gang type turret	Servo turret	Servo turret	Servo turret
刀位数	No. of tool station	4 gang tool holder	8 position, *12 position	8 position, *12 position	8 position, *12 position
刀柄尺寸	Tool shank size	20×20mm	25×25mm	25×25mm	25×25mm
镗刀杆直径	Boring tool shank size	φ25mm	φ32/φ40mm	φ32/φ40mm	φ32/φ40mm
尾座	Tailstock				
尾座行程	Tailstock travel	/	350mm	450mm	950mm
尾座套筒锥度	Taper of tailstock quill	/	MT5	MT5	MT5
最大承重	Max. loading capacity				
盘类件	Disk parts	20kg	200kg	200kg	200kg
轴类件	Shaft parts	20kg	500kg	500kg	500kg
机床规格	Machine dimensions				
机床外形尺寸 (长 x 宽 x 高)	Overall dimension(L x W x H)	1745×1410×1600mm	2775×1842×1866mm	2850×2068×1880mm	3660×2070×1880mm
机床重量	Machine weight	1300kg	3650kg	4000kg	4500kg

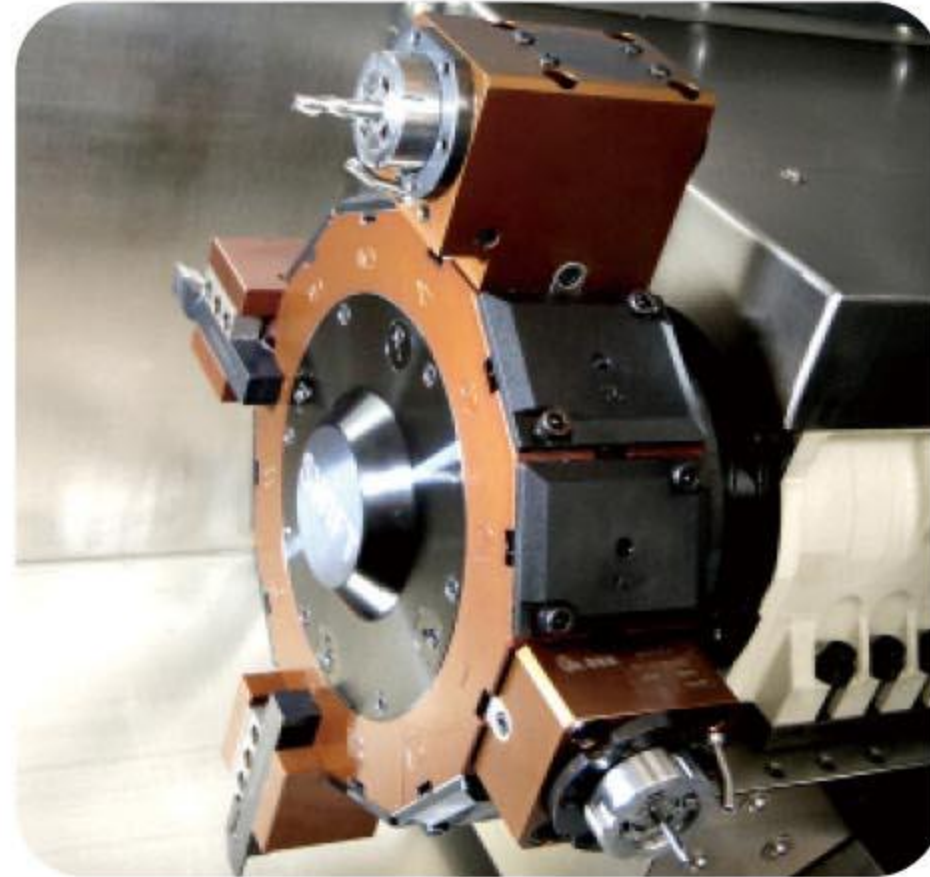
Note: "*" means optional.

数控斜车

Slant-bed CNC Lathe



TCK66



动力刀塔
12-position power turret



Y 轴
Y axis

随机附件

- ① 广数 988TA 数控系统
- ② 液压三爪卡盘
- ③ 12 工位伺服刀塔
- ④ 自动润滑系统
- ⑤ 自动冷却系统
- ⑥ 液压尾座
- ⑦ LED 工作灯
- ⑧ 三色报警灯
- ⑨ 全封闭防护
- ⑩ 液压系统
- ⑪ 电气柜热交换器

Standard accessories

- ① GSK988TA CNC controller
- ② Hydraulic 3-jaw chuck
- ③ 12-position servo turret
- ④ Auto lubrication system
- ⑤ Auto coolant system
- ⑥ Hydraulic tailstock
- ⑦ LED working lamp
- ⑧ Tri-color alarm light
- ⑨ Fully enclosed guard
- ⑩ Hydraulic system
- ⑪ Heat exchanger of electric cabinet

特殊附件

- ① 西门子 / 发那科系统
- ② 12 工位动力刀塔
- ③ Y 轴
- ④ 0°动力刀座
- ⑤ 90°动力刀座
- ⑥ 自动排屑机
- ⑦ 自动对刀仪
- ⑧ 自动送料机
- ⑨ 液压中心架
- ⑩ 油雾收集器
- ⑪ 空调电气柜

Optional accessories

- ① Siemens/Fanuc CNC controller
- ② 12-position power turret
- ③ Y axis
- ④ 0° power tool holder
- ⑤ 90° power tool holder
- ⑥ Auto chip conveyor
- ⑦ Auto tool setter
- ⑧ Auto bar feeder
- ⑨ Hydraulic steady rest
- ⑩ Oil mist collector
- ⑪ Air conditioner of electric cabinet

参数	Specification	TCK66-1000/1500/2000/3000	TCK66Y-1000/1500/2000/3000	TCK80-1000/1500/2000/3000	TCK80Y-1000/1500/2000/3000
加工能力	Capacity				
床身最大回转直径	Max. swing dia. over bed	φ650mm	φ650mm	φ780mm	φ780mm
最大工件长度	Max. length of workpiece	850/1500/2000/3000mm	750/1350/1750/2750mm	1000/1500/2000/3000mm	850/1350/1750/2750mm
推荐标准车削直径	Recommended standard turning diameter	φ305mm	φ305mm	φ460mm	φ380mm
最大加工直径	Max. turning dia.	φ500mm(disc parts) φ400mm(shaft parts)	φ450mm(disc parts) φ380mm(shaft parts)	φ630mm(disc parts) φ450mm(shaft parts)	φ500mm(disc parts) φ450mm(shaft parts)
拖板最大回转直径	Max. swing dia. over slide	φ500mm	φ500mm	φ560mm	φ560mm
床身形式及斜度	Bed type and slant angle	Integrated bed/30°	Integrated bed/30°	Integrated bed/30°	Integrated bed/30°
主轴	Spindle				
主轴转速范围	Spindle speed range	60-2000r/min	60-2000r/min	50-1200r/min	50-1200r/min
主轴通孔最大直径	Spindle bore	Φ86mm	Φ86mm	φ110mm	φ110mm
最大通过棒料直径	Max. bar diameter	Φ70mm	Φ70mm	Φ90mm	Φ90mm
主轴鼻端	Spindle nose	A2-8	A2-8	A2-11	A2-11
主轴最大输出扭矩	Max. spindle output torque	343N.m	343N.m	423N.m	423
主电机功率	Spindle motor	15/18.5KW	15/18.5KW	15/18.5KW	15/18.5KW
液压卡盘直径	Hydraulic chuck size	12",*15"	12",*15"	12",*15"	12",*15"
进给轴	Axis				
X 轴行程	X axis travel	360mm	360mm	400mm	400mm
Z 轴行程	Z axis travel	850/1500/2000/3000mm	850/1500/2000/3000mm	1000/1500/2000/3000mm	1000/1500/2000/3000mm
Y 轴行程	Y axis travel	/	±50mm	/	±50mm
X 轴快移速度	X axis rapid traverse	16 Line-rail(12 Hard-rail)m/min	16 Line-rail(12 Hard-rail)m/min	16 Line-rail(12 Hard-rail)m/min	16 Line-rail(12 Hard-rail)m/min
Z 轴快移速度	Z axis rapid traverse	16 Line-rail(12 Hard-rail)m/min	16 Line-rail(12 Hard-rail)m/min	16 Line-rail(12 Hard-rail)m/min	16 Line-rail(12 Hard-rail)m/min
Y 轴快移速度	Y axis rapid traverse	/	10m/min	/	10m/min
刀塔 / 刀架形式	Turret				
刀塔形式	Type	Servo Turret* Power Turret	Power Turret	Servo Turret* Power Turret	Power Turret
刀位数	No. of tool station	12 position	12 position	12 position	12 position
刀柄尺寸	Tool shank size	25×25mm	25×25mm	32×32mm	25×25mm
镗刀杆直径	Boring tool shank size	Φ40mm	Φ40mm	Φ50mm	Φ50mm
尾座	Tailstock				
尾座行程	Tailstock travel	150mm	150mm	150mm	150mm
尾座套筒锥度	Taper of tailstock quill	MT5	MT5	MT5	MT5
最大承重	Max. Loading Capacity				
盘类件	Disk parts	400kg	400kg	500kg	500kg
轴类件	Shaft parts	800kg	800kg	1000kg	1000kg
机床规格	Machine Dimensions				
机床外形尺寸 (长 x 宽 x 高)	Overall dimension(L x W x H)	4070/4820/5320/6320×2436×2480mm	4070/4820/5320/6320×2436×2480mm	4200/4920/5420×2680×2700mm 6420x2780x2800(for 3000mm length)	4200/4920/5420×2680×2700mm 6420x2780x2800(for 3000mm length)
机型重量	Machine weight	5900/7300/8200/10500kg	5900/7300/8200/10500kg	7500/9000/10500/13000kg	7500/9000/10500/13000kg

Note: "*" means optional.

数控斜车

Slant-bed CNC Lathe



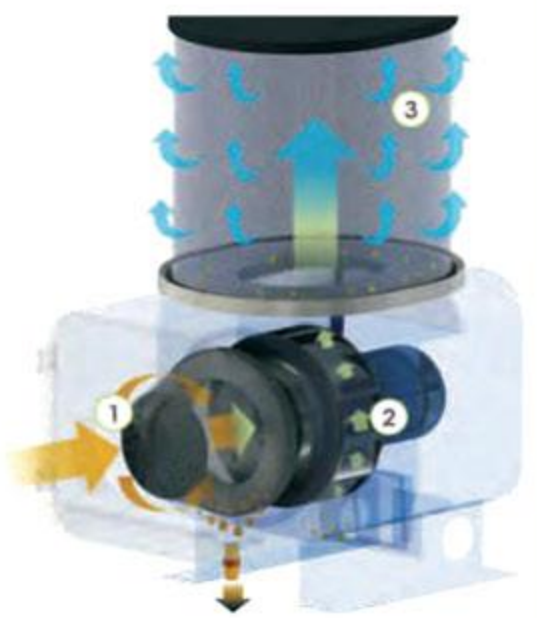
电动刀塔 BTP80
PRAGATI turret BTP80



液压中心架
Hydraulic steady rest



对刀仪
Tool setter



油雾收集器
Oil Mist collector



棒料机
Bar feeder

标准附件

- ① 液压三爪卡盘
- ② 8 工位电动刀塔 BTP80
- ③ 自动润滑系统
- ④ 自动冷却系统
- ⑤ 液压尾座
- ⑥ LED 工作灯
- ⑦ 三色报警灯
- ⑧ 全封闭防护装置
- ⑨ 液压系统
- ⑩ 电气柜热交换器

Standard accessories

- ① Hydraulic 3-jaw chuck
- ② PRAGATI 8-station turret BTP80
- ③ Automatic lubrication system
- ④ Automatic coolant system
- ⑤ Hydraulic tailstock
- ⑥ LED working lamp
- ⑦ Tri-color alarm light
- ⑧ Fully enclosed guard
- ⑨ Hydraulic system
- ⑩ Heat exchanger of electric cabinet

特殊附件

- ① 12 工位刀塔
- ② 不同的卡盘和夹头
- ③ 自动尾座
- ④ 排屑机
- ⑤ 对刀仪
- ⑥ 棒料机
- ⑦ 油雾收集器
- ⑧ 空调电气柜
- ⑨ 液压中心架

Optional accessories

- ① 12-Station turret
- ② Different chucks and collets
- ③ Automatic tailstock
- ④ Chip conveyor
- ⑤ Tool setter
- ⑥ Bar feeder
- ⑦ Oil mist collector
- ⑧ Air conditioner of electric cabinet
- ⑨ Hydraulic steady rest



SWL Series



SWL8

SWL10

SWL15

SWL12



参数	Specification	SWL6	SWL8	SWL8H	SWL10	SWL12	SWL15	SWL18
加工能力	Capacity							
液压卡盘尺寸	Hydraulic chuck size	6", *8"	8", *10"	8", *10"	10"	12", *15"	15", *12"	18", *15"
最大回转直径	Max. swing dia. over bed	φ400mm	φ450mm	φ550mm,	φ520mm, *φ570mm	φ530mm, φ570mm	φ650mm	φ800mm
最大工件长度	Max. length of workpiece	300,(*400mm	450mm	750mm, *1100mm	*750,*900,*1600,*1800mm	*750,*900,*1600,*1800mm	1320,*1820mm	750mm
		6"chuck)			(C2C750,*1000,*1600,*2000)mm	(C2C750*1000,*1600,*2000)mm	(C2C 1500,*2000)mm	*1000, *1500mm
拖板上最大回转直径	Max. swing dia. over slide	φ220mm	φ220mm	φ360mm	φ280mm,*360mm	φ280mm,*φ360mm	φ500mm	φ600mm
主轴	Spindle							
主轴通孔	Spindle bore	φ55mm, *φ62mm	φ62mm, *φ75mm	φ62mm , *φ75mm	φ86mm, *φ75mm	φ105mm, *φ120mm	φ105mm, *φ120mm	φ110mm, *φ120mm
拉管通孔	Max. dia. of through-hole	φ46mm, *φ52mm	φ52mm, *φ65mm	φ52mm, *φ65mm	φ75mm, *φ65mm	φ91mm, *φ110mm	φ91mm, φ110mm	φ95mm, *φ110mm
主轴鼻端	Spindle nose	A2-5, *A2-6	A2-6, *A2-8	A2-6, *A2-8	A2-8, A2-8	A2-8, *A2-11	A2-8, *A2-11	A2-11, *A2-11
主轴转速范围	Spindle speed range	4500rpm, *4000rpm	4000rpm, *2000rpm,	4000rpm, *3500rpm	3000rpm, *3500rpm	1800rpm, *1000rpm	1800rpm, *1000rpm,	1500rpm, *1000rpm
			*1600rpm, *3500rpm	*2000rpm			*1000rpm	
主电机功率	Main motor power	7.5/11kw	7.5/11kw, *11/15kw	7.5/11kw, *11/15kw	11/15kw, *15/18.5kw	11/15kw, *15/18.5kw	15/18.5kw	15/18.5kw, *18.5/22kw
进给轴	Axis							
X 轴行程	X axis travel	150mm	170mm	250mm	280mm	280mm	300mm	380mm
Z 轴行程	Z axis travel	300,*400mm(6"chuck)	450mm	750mm	750, *1000, *1600mm*2000mm	750, *1000, *1600,*2000mm	1500, *2000mm	750,*1000,*1500mm
X, Z 轴快移速度	X/Z rapid traverse	20/20m/min	20/20m/min	20/20m/min	15/20m/min	15/20m/min	15/20m/min	15/20m/min
刀塔 / 刀架形式	Turret							
中心高	Center height	80mm	80mm	80mm,*100mm	100mm	100mm	125mm	125mm
刀架形式	No. of tool stations	8,*12 position	8, *12	8, *12 position	8,*12 position	8,*12 position	8,*12 position	8,*12 position
刀柄尺寸	Tool shank size	25x25 , *20x20mm	25x25,*20x20mm	25x25mm	25x25mm	25x25mm	32x32mm	32x32mm
尾座	Tailstock							
尾座驱动方式	Type of tailstock	Hydraulic, *HPT	Hydraulic, *SST, *HPT	Hydraulic,SST,*SPT	Hydraulic, *HPT, *SST	Hydraulic, *HPT, *SST	SST,*SPT	SST
尾座套筒锥度	Taper of tailstock quill	MT4	MT4	MT3	MT5	MT5	MT5	MT6
尾座套筒行程	Travel of tailstock quill	90mm	90mm	150mm	150mm	150mm	150mm	0
尾座行程	Travel of tailstock	80-300mm,*400mm	100-450mm	750,*1100mm	100-750,	100-750, *1000,	100-1320,	100-750,*200-1000,
					*1000,*1600,*1800mm	*1600,*100~1800mm	*100-1820mm	*200-1500mm
结构	Structure							
床身倾斜度	Slant bed degree	35°, *45°	35°	35°	35°	35°	45°	45°
导轨形式	Guideway type	LM	LM	LM	LM	LM	LM	LM
其他	Others							
功率容量	Power capacity	14kVA	15kVA	16kVA,*18kVA	18kVA	20kVA	25kVA	32kVA
机床外形尺寸 (长 × 宽 × 高)	Overall dimension (L×W×H)	2510x1910x2010mm	2700x1750x1950mm	2960x1950x2200mm	3350x2000x2350mm	3350x2000x2350mm	4550x2270x2550mm	3900x2200x2550mm
机床重量 (约)	Machine weight	2900kg	3700kg	5200kg	5850kg	5900kg	10500kg	9100kg

Note: "*" means optional;"LM" means linear motion guideway.

“HPT”means linear motion guide way,automatic hydraulic dirven body move tailstock.

“SST”means small spindle hydraulic tailstock.“SPT”means servo programmable tailstock.